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INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

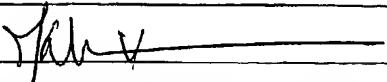
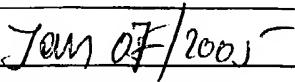
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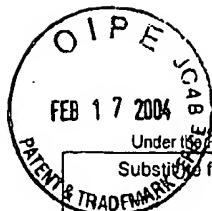
Application Number	10/656,910
Filing Date	September 4, 2003
First Named Inventor	Jeffery A. Whiteford
Group Art Unit	1755
Examiner Name	Unassigned
Attorney Docket Number	40-002710US
Date Submitted	February 13, 2004

U.S. PATENT DOCUMENTS

Examiner Initials	Cite No.	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, lines, Where Relevant Passages or Relevant Figures Appeal
		Number	Kind Code (if known)			
KMW	1	5,504,323		Heeger et al.	04-02-1996	
	2	5,505,928		Alivisatos et al.	04-09-1996	
	3	5,690,807		Clark, Jr. et al.	11-25-1997	
	4	5,728,487		Grätzel et al.	03-17-1998	
	5	5,751,018		Alivisatos et al.	05-12-1998	
	6	5,897,945		Lieber et al.	04-27-1999	
	7	5,990,479		Weiss et al.	11-23-1999	
	8	5,997,832		Lieber et al.	12-07-1999	
	9	6,036,774		Lieber et al.	03-14-2000	
	10	6,048,616		Gallagher et al.	04-11-2000	
	11	6,136,156		El-Shall et al.	10-24-2000	
	12	6,207,229	B1	Bawendi et al.	03-27-2001	
	13	6,225,198	B1	Alivisatos et al.	05-01-2001	
	14	6,239,355	B1	Salafsky	05-29-2001	
	15	6,245,988	B1	Grätzel et al.	06-12-2001	
	16	6,251,303	B1	Bawendi et al.	06-26-2001	
	17	6,306,736	B1	Alivisatos et al.	10-23-2001	
	18	6,319,426	B1	Bawendi et al.	11-20-2001	
	19	6,322,901	B1	Bawendi et al.	11-27-2001	
	20	6,399,224	B1	Li	06-04-2002	
	21	6,413,489	B1	Ying et al.	07-02-2002	
KMW	22	6,512,172	B1	Salafsky et al.	01-28-2003	

Examiner Signature		Date Considered	
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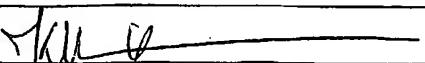


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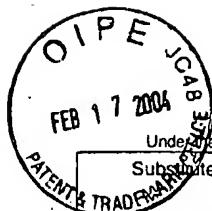
Substitute for form 1449A-B/PTO		Complete if Known					
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>		Application Number		10/656,910			
		Filing Date		September 4, 2003			
		First Named Inventor		Jeffery A. Whiteford			
		Group Art Unit		1755			
		Examiner Name		Unassigned			
		Attorney Docket Number		40-002710US			
		Date Submitted		February 13, 2004			

FOREIGN PATENT DOCUMENTS								T	
Examiner Initials	Cite No.	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear		
		Office	Number	Kind Code (if known)					
KMW	23	WO	02/080280	A1	The Regents of the University of California	10-10-2002			
KMW	24	WO	02/17362	A2	President and Fellows of Harvard College	02-28-2002			

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS								T
Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.						
KMW	25	BJÖRK ET AL. (2002) "One-dimensional steeplechase for electrons realized." <u>Nano Letters</u> 2(2):86-89.						
	26	CAO ET AL. (2000) "Growth and properties of semiconductor core/shell nanocrystals with InAs cores" <u>Journal of the American Chemistry Society</u> 122:9692-9702.						
	27	CUI ET AL. (2000) "Doping and electrical transport in silicon nanowires" <u>Journal of Physical Chemistry B</u> 104(22):5213-5216.						
	28	CUI ET AL. (2001) "Diameter-controlled synthesis of single-crystal silicon nanowires." <u>Applied Physics Letters</u> 78(15): 2214-2216.						
	29	DABBOUSI ET AL. (1997) "(CdSe)ZnS core-shell quantum dots: Synthesis and characterization of a size series of highly luminescent nanocrystallites." <u>Journal of Physical Chemistry B</u> 101:9463-9475.						
	30	DUAN ET AL. (2000) "General synthesis of compound semiconductor nanowires." <u>Advanced Materials</u> 12(4):298-302.						
	31	GREENHAM ET AL. (1996) "Charge separation and transport in conjugated-polymer/semiconductor-nanocrystal composites studied by photoluminescence quenching and photoconductivity." <u>Physical Review B-Condens Matter</u> 54(24): 17628-17637.						
	32	GREENHAM ET AL. (1997) "Charge separation and transport in conjugated polymer/cadmium selenide nanocrystal composites studied by photoluminescence quenching and photoconductivity." <u>Synthetic Metals</u> 84:545-546.						
	33	GUDIKSEN ET AL. (2000) "Diameter-selective synthesis of semiconductor nanowires." <u>Journal of the American Chemistry Society</u> 122:8801-8802.						
KMW	34	GUDIKSEN ET AL. (2001) "Synthetic control of the diameter and length of single crystal semiconductor nanowires." <u>Journal of Physical Chemistry B</u> 105:4062-4064.						

Examiner Signature		Date Considered	Feb 07/2004
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Substitute for form 1449A-B/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>		Application Number	10/656,910
		Filing Date	September 4, 2003
		First Named Inventor	Jeffery A. Whiteford
		Group Art Unit	1755
		Examiner Name	Unassigned
		Attorney Docket Number	40-002710US
		Date Submitted	February 13, 2004

XMW	35	GUDIKSEN ET AL. (2002) "Growth of nanowire superlattice structures for nanoscale photonics and electronics." <u>Nature</u> 415:617-620.	
	36	HUYNH ET AL. (1999) "CdSe Nanocrystals Rod/Poly (3-hexylthiophene) Composite Photovoltaic Devices." <u>Advanced Materials</u> 11(11): 923-927.	
	37	HUYNH ET AL. (2002) "Hybrid Nanorod-Polymer Solar Cells." <u>Science</u> 295:2425-2427	
	38	JUN ET AL. (2001) "Controlled synthesis of multi-armed CdS nanorod architectures using monosurfactant system." <u>Journal of the American Chemistry Society</u> 123:5150-5151.	
	39	KRAFT ET AL. (1998) "Electroluminescent Conjugated Polymers -- Seeing Polymers in a New Light" <u>Angew Chem. Int. Ed.</u> 37:402-428.	
	40	LIU ET AL. (2001) "Sol-Gel Synthesis of Free-Standing Ferroelectric Lead Zirconate Titanate Nanoparticles" <u>Journal of the American Chemistry Society</u> 123:4344-4345.	
	41	MANNA ET AL. (2000) "Synthesis of Soluble and Processable Rod-, Arrow-, Teardrop-, and Tetrapod-Shaped CdSe Nanocrystals." <u>Journal of the American Chemistry Society</u> 122:12700-12706.	
	42	MANNA ET AL. (2002) "Epitaxial growth and photochemical annealing of graded CdS/ZnS shells on colloidal CdSe nanorods" <u>Journal of the American Chemistry Society</u> 124:7136-7145.	
	43	MILLIRON ET AL. (2003) "Electroactive surfactant designed to mediate electron transfer between CdSe nanocrystals and organic semiconductors" <u>Adv. Mater.</u> 15(1):58-61.	
	44	MORALES ET AL. (1998) "A laser ablation method for the synthesis of crystalline semiconductor nanowires." <u>Science</u> 279:208-211	
	45	PENG ET AL. (1997) "Epitaxial growth of highly luminescent CdSe/CdS core/shell nanocrystals with photostability and electronic accessibility." <u>Journal of the American Chemistry Society</u> 119:7019-7029.	
	46	PENG ET AL. (2000) "Shape control of CdSe nanocrystals." <u>Nature</u> 404:59-61.	
	47	PUNTES ET AL. (2001) "Colloidal nanocrystal shape and size control: The case of cobalt." <u>Science</u> 291:2115-2117.	
	48	URBAN ET AL. (2002) "Synthesis of single-crystalline perovskite nanorods composed of barium titanate and strontium titanate." <u>Journal of the American Chemistry Society</u> 124(7): 1186-1187	
	49	WU ET AL. (2002) "Block-by-block growth of single-crystalline Si/SiGe superlattice nanowires." <u>Nano Letters</u> 2(2):83-86.	
XMW	50	YUN ET AL. (2002) "Ferroelectric Properties of Individual Barium Titanate Nanowires Investigated by Scanned Probe Microscopy." <u>Nano Letters</u> 2(5): 447-450.	

Examiner Signature	<u>Jeffery A. Whiteford</u>	Date Considered	<u>Feb 17/2004</u>
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Subdivisions for form 1149A-B/RTO Complete if Known

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Complete if Known	
Application Number	10/656,910
Filing Date	September 4, 2003
First Named Inventor	Jeffery A. Whiteford
Group Art Unit	1755
Examiner Name	Unassigned
Attorney Docket Number	40-002710US
Date Submitted	July 1, 2004

U.S. PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

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Signature

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Considered

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